

**Amendments to the Claims:**

Please cancel claims 4-50 and 52-62. This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A composition comprising an isolated nucleic acid molecule which encodes a Pvs25 polypeptide having at least 95% amino acid sequence identity to SEQ ID NO:4, ~~wherein the polypeptide induces an immune response in a susceptible organism that blocks the transmission of malaria.~~

2. (previously presented) A composition comprising an isolated nucleic acid having a sequence as shown in SEQ ID NO:3.

3. (original) A composition comprising an isolated nucleic acid molecule which encodes a Pvs25 polypeptide having an amino acid sequence as shown in SEQ ID NO:4.

4-50 (canceled)

51. (currently amended) A composition comprising an isolated nucleic acid molecule which encodes a Pvs25 polypeptide, ~~wherein the polypeptide induces an immune response in a susceptible organism that blocks the transmission of malaria, and~~ wherein the nucleic acid molecule has at least 95% nucleic acid sequence identity to SEQ ID NO:3.

52-62 (canceled)